

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) An endoscopic apparatus for harvesting a desired blood vessel comprising:
 - an endoscopic barrel including at least two lumens, one of said lumens dimensioned for receiving an endoscope;
 - a handle disposed at a proximal end of the endoscopic barrel;
 - a cone portion fixedly secured to and integral with a distal end of said endoscopic barrel, said cone portion having an interior surface facing the distal end of said endoscopic barrel and a conical exterior surface facing outwardly from the apparatus, said conical exterior surface being defined by a base ring having a circular circumference and a plurality of side portions tapering toward a vertex and forming a pointed distal end of said cone portion; and
 - at least one manipulator fork arm having a manipulator fork disposed on the distal end thereof, said manipulator fork arm being extendable through said integral cone portion for dissecting the desired blood vessel,
 - wherein said cone portion includes at least one fork recess in the conical exterior surface for receiving and maintaining said at least one manipulator fork against the exterior surface of said cone portion when said at least one manipulator fork is fully retracted so as to preserve a smooth profile of the exterior surface of said cone portion between the circular base and the pointed distal end, said at least one

fork recess not allowing said at least one manipulator fork to pass through the exterior surface of said cone portion when in a fully retracted position.

2. (Canceled)

3. (Previously Presented) The endoscopic apparatus of claim 1, wherein said endoscopic barrel includes at least three lumens and said apparatus further comprises a cutting device extendable from said cone portion for cauterizing and ligating the desired blood vessel.

4. (Previously Presented) The endoscopic apparatus of claim 3, wherein said cone portion further includes a cutting device recess in the distal exterior surface for receiving said cutting device when in a retracted position such that a contoured profile of said portion is maintained.

5. (Original) The endoscopic apparatus of claim 1, wherein said at least one manipulator fork includes a control assembly permitting rotational and translational movement of said at least one manipulator fork.

6. (Canceled)

7. (Previously Presented) The endoscopic apparatus of claim 5, wherein said control assembly comprises a rotatable control mechanism slidable within a predefined track on said handle.

8. (Previously Presented) The endoscopic apparatus of claim 5, wherein said control assembly further permits swivelling of said distal fork relative to said fork arm.

9. (Previously Presented) The endoscopic apparatus of claim 8, wherein said at least one manipulator fork further comprises a fork swivel control tube disposed over said fork arm.

10. (Previously Presented) The endoscopic apparatus of claim 9, wherein said control assembly further includes a swivel control ring disposed on said handle.

11. (Previously Presented) The endoscopic apparatus of claim 1, wherein said endoscopic barrel includes at least three lumens and at least two manipulator forks.

12. (Currently Amended) An endoscopic apparatus for harvesting a desired blood vessel comprising:

an endoscopic barrel including at least two lumens, one of said lumens dimensioned for receiving an endoscope;

a handle disposed at a proximal end of the endoscopic barrel;

a cone portion integral with said endoscopic barrel, said cone portion having a conical exterior surface facing outwardly from the apparatus, said conical exterior

surface being defined by a circular base ring and a plurality of side portions tapering toward a vertex forming a pointed distal end of said cone portion; and

at least one manipulator fork arm extendable through said cone portion, said at least one fork arm having a manipulator fork disposed on a distal end thereof, said manipulator fork being maintained against an exterior surface of said cone portion when in a fully retracted position so as to preserve a smooth profile of the exterior surface of said cone portion between the circular base ring and the pointed distal end, and disposed exterior to said cone portion when dissecting the desired blood vessel;

wherein said cone portion is fixedly secured to a distal end of the endoscopic barrel during harvesting of a desired blood vessel.

13. (Previously Presented) The endoscopic apparatus of claim 12, wherein said endoscopic barrel includes at least three lumens and said apparatus further comprises a cutting device extendable through said cone portion for cauterizing and ligating the desired blood vessel.

14. (Previously Presented) The endoscopic apparatus of claim 12, wherein said endoscopic barrel includes at least three lumens and at least two manipulator forks.

15. (Newly Added) The endoscopic apparatus of claim 1, wherein a line drawn from said vertex to a plane of said circular base ring is perpendicular to the plane of said circular base ring.

16. (Newly Added) The endoscopic apparatus of claim 12, wherein a line drawn from said vertex to a plane of said circular base ring is perpendicular to the plane of said circular base ring.